

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-8 (canceled)

9. A fuel cell apparatus comprising:
a fuel cell for generating electric power using a liquid fuel; and
a concentration adjusting means for adjusting a concentration of said liquid fuel to an optimal concentration according to an output mode demanded by said fuel cell.
10. The fuel cell apparatus as described in claim 9, wherein:
said concentration adjusting means adjusts the concentration of said liquid fuel by reusing the liquid fuel which is used in said fuel cell for power generation.
11. The fuel cell apparatus as described in claim 9, wherein:
said concentration adjusting means comprises a plurality of fuel mixing means which form, respectively, liquid fuels each having a predetermined concentration.
12. The fuel cell apparatus as described in claim 11, wherein:
from said plurality of fuel mixing means a fuel mixing means is selected for forming liquid fuel having an optimal concentration for said output mode.
13. The fuel cell apparatus as described in claim 9, wherein further comprising a concentration detecting means for detecting the concentration of said liquid fuel.
14. The fuel cell apparatus as described in claim 13, wherein:
said concentration detecting means is provided at said plurality of fuel mixing means.

15. The fuel cell apparatus as described in claim 13, wherein:
said concentration detecting means is provided between said fuel cell and said plurality of fuel mixing means.
16. A method for feeding a fuel for fuel cell comprising:
detecting an output mode demanded by a fuel cell for generating electric power using a liquid fuel; and
adjusting the concentration of said liquid fuel to an optimal concentration according to said output mode.